

Claims

- [c1] 1. A liquid crystal display module, comprising:
a first bezel module, having:
a lower bezel;
a diffusion plate set up over the lower bezel;
an optical film plate set up over the diffusion plate;
a liquid crystal panel set up over the optical film plate;
and an upper bezel above the lower bezel such that the lower bezel and the upper bezel together fix the diffusion plate, the optical film plate and the liquid crystal panel;
a second bezel module, having:
a bottom bezel; a reflecting plate set up on the bottom surface of the bottom bezel; and
a light source positioned within the bottom bezel above the reflecting plate,
wherein the first bezel module is assembled with the second bezel module in a detachable way.
- [c2] 2. The liquid crystal display module of claim 1, wherein the first bezel module is fastened to the second bezel module through some locking elements.
- [c3] 3. The liquid crystal display module of claim 1, wherein

the first bezel module has an interior space for accommodating the second bezel module.

- [c4] 4. The liquid crystal display module of claim 3, wherein the interior sidewalls of the interior space of the first bezel module have a sliding groove and the second bezel module engages with the first bezel module through the sliding grooves.
- [c5] 5. The liquid crystal display module of claim 1, wherein the first bezel module engages with the second bezel module through a hinge located on one side of the bezel modules.
- [c6] 6. The liquid crystal display module of claim 1, wherein the optical film plate comprises light-enhance plate or prism plate.
- [c7] 7. The liquid crystal display module of claim 1, wherein the light source comprises a cold cathode fluorescent lamp (CCFL) light source.
- [c8] 8. The liquid crystal display module of claim 1, wherein the module furthermore comprises a light source holder set up within the bottom bezel for holding the light source element.
- [c9] 9. A liquid crystal display module, comprising:

a first bezel module, having:
a lower bezel;
a diffusion plate set up over the lower bezel;
an optical film plate set up over the diffusion plate;
a liquid crystal panel set up over the optical film plate;
and
an upper bezel above the lower bezel such that the lower bezel and the upper bezel together fix the diffusion plate, the optical film plate and the liquid crystal panel;
a second bezel module, having:
a bottom bezel; wherein the bottom bezel is fabricated using a light-reflecting material; and
a light source positioned within the bottom bezel,
wherein the first bezel module is assembled with the second bezel module in a detachable way.

[c10] 10. The liquid crystal display module of claim 9, wherein the first bezel module is fastened to the second bezel module through some locking elements.

[c11] 11. The liquid crystal display module of claim 9, wherein the first bezel module has an interior space for accommodating the second bezel module.

[c12] 12. The liquid crystal display module of claim 11, wherein the interior sidewalls of the interior space of the first bezel module have a sliding groove and the second

bezel module engages with the first bezel module through the sliding grooves.

[c13] 13. The liquid crystal display module of claim 9, wherein the first bezel module engages with the second bezel module through a hinge located on one side of the bezel modules.

[c14] 14. The liquid crystal display module of claim 9, wherein the optical film plate comprises light-enhance plate or prism plate.

[c15] 15. The liquid crystal display module of claim 9, wherein the light source comprises a cold cathode fluorescent lamp (CCFL) light source.

[c16] 16. The liquid crystal display module of claim 9, wherein the module furthermore comprises a light source holder set up within the bottom bezel for holding the light source element.